

What is claimed is:

1. An isolated polynucleotide selected from the group consisting of:
 - (a) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:1;
 - (b) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:1 from nucleotide 63 to nucleotide 1265;
 - (c) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:1 from nucleotide 132 to nucleotide 1265;
 - (d) a polynucleotide comprising the nucleotide sequence of the full-length protein coding sequence of clone bd306_7 deposited with the ATCC under accession number 98599;
 - (e) a polynucleotide encoding the full-length protein encoded by the cDNA insert of clone bd306_7 deposited with the ATCC under accession number 98599;
 - (f) a polynucleotide comprising the nucleotide sequence of the mature protein coding sequence of clone bd306_7 deposited with the ATCC under accession number 98599;
 - (g) a polynucleotide encoding the mature protein encoded by the cDNA insert of clone bd306_7 deposited with the ATCC under accession number 98599;
 - (h) a polynucleotide encoding a protein comprising the amino acid sequence of SEQ ID NO:2;
 - (i) a polynucleotide encoding a protein comprising a fragment of the amino acid sequence of SEQ ID NO:2, the fragment comprising eight consecutive amino acids of SEQ ID NO:2; and
 - (j) a polynucleotide that hybridizes under stringent conditions to any one of the polynucleotides specified in (a)-(i).
2. The polynucleotide of claim 1 wherein said polynucleotide is operably linked to at least one expression control sequence.
3. A host cell transformed with the polynucleotide of claim 2.
4. The host cell of claim 3, wherein said cell is a mammalian cell.

5. A process for producing a protein encoded by the polynucleotide of claim 2, which process comprises:

- (a) growing a culture of the host cell in a suitable culture medium, wherein the host cell has been transformed with the polynucleotide of claim 2; and
- (b) purifying said protein from the culture.

6. A protein produced according to the process of claim 5.

7. An isolated polynucleotide encoding the protein of claim 6.

8. The polynucleotide of claim 7, wherein the polynucleotide comprises the cDNA insert of clone bd306_7 deposited with the ATCC under accession number 98599.

9. A protein comprising an amino acid sequence selected from the group consisting of:

- (a) the amino acid sequence of SEQ ID NO:2;
- (b) the amino acid sequence of SEQ ID NO:2 from amino acid 148 to amino acid 189;
- (c) fragments of the amino acid sequence of SEQ ID NO:2 comprising eight consecutive amino acids of SEQ ID NO:2; and
- (d) the amino acid sequence encoded by the cDNA insert of clone bd306_7 deposited with the ATCC under accession number 98599;

the protein being substantially free from other mammalian proteins.

10. The protein of claim 9, wherein said protein comprises the amino acid sequence of SEQ ID NO:2.

11. The protein of claim 9, wherein said protein comprises the amino acid sequence of SEQ ID NO:2 from amino acid 148 to amino acid 189.

12. A composition comprising the protein of claim 9 and a pharmaceutically acceptable carrier.

13. An isolated polynucleotide selected from the group consisting of:
- (a) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:19;
 - (b) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:19 from nucleotide 27 to nucleotide 734;
 - (c) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:19 from nucleotide 270 to nucleotide 734;
 - (d) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:19 from nucleotide 85 to nucleotide 1604;
 - (e) a polynucleotide comprising the nucleotide sequence of the full-length protein coding sequence of clone yb8_1 deposited under accession number ATCC 98599;
 - (f) a polynucleotide encoding the full-length protein encoded by the cDNA insert of clone yb8_1 deposited under accession number ATCC 98599;
 - (g) a polynucleotide comprising the nucleotide sequence of the mature protein coding sequence of clone yb8_1 deposited under accession number ATCC 98599;
 - (h) a polynucleotide encoding the mature protein encoded by the cDNA insert of clone yb8_1 deposited under accession number ATCC 98599;
 - (i) a polynucleotide encoding a protein comprising the amino acid sequence of SEQ ID NO:20;
 - (j) a polynucleotide encoding a protein comprising a fragment of the amino acid sequence of SEQ ID NO:20, the fragment comprising eight consecutive amino acids of SEQ ID NO:20; and
 - (k) a polynucleotide that hybridizes under stringent conditions to any one of the polynucleotides specified in (a)-(j).

14. A protein comprising an amino acid sequence selected from the group consisting of:

- (a) the amino acid sequence of SEQ ID NO:20;
- (b) the amino acid sequence of SEQ ID NO:20 from amino acid 70 to amino acid 236;

(c) fragments of the amino acid sequence of SEQ ID NO:20 comprising eight consecutive amino acids of SEQ ID NO:20; and

(d) the amino acid sequence encoded by the cDNA insert of clone yb8_1 deposited under accession number ATCC 98599;

the protein being substantially free from other mammalian proteins.